

A³ Cetus

least 65, 75, 85 or 95%) to the amino acid sequence set forth in Figure 5B (SEQ ID NO: 2). The cell- or tissue-specific F-box polypeptide can have an amino acid sequence encoded by a nucleic acid which hybridizes under stringent conditions to the nucleotide sequence set forth in Figure 5A (SEQ ID NO: 1).

Please replace the paragraph at page 10, lines 25-28, with the following replacement paragraph:

Q3

Figure 5 shows nucleotide (SEQ ID NO: 1) and amino acid (SEQ ID NO: 2) sequences of atrophin-1. A, shows the nucleotide sequence (SEQ ID NO: 1) of the mouse atrophin-1 gene. B, shows the deduced amino acid sequence (SEQ ID NO: 2) of mouse atrophin-1 protein. The F-box motif is underlined. C, shows a schematic representation of the atrophin-1 protein. The box represents the F-box motif.

Please replace the paragraph at page 27, lines 16-32, with the following replacement paragraph:

Q4

A "WD-40 motif", also referred to in the art as " β -transducin repeats" or "WD-40 repeats", is roughly defined as a contiguous sequence of about 25 to 50 amino acids with relatively-well conserved sets of amino acids at the two ends (amino- and carboxyl-terminal) of the sequence (reviewed in Simon et al., *Science* 252:802-808 (1991) and Neer et al., *Nature* 371:297 (1994)). Conserved sets of at least one WD-40 repeat of a WD-40 repeat-containing protein typically contain conserved amino acids at certain positions. The amino-terminal set, comprised of two contiguous amino acids, often contains a Gly followed by a His. The carboxyl-terminal set, comprised of six to eight contiguous amino acids, typically contains an Asp at its first position, and a Trp followed by an Asp at its last two positions. A general formula for characterizing a WD40 repeat is

$$\{X_{6-94}-[GH-X_{23-41}-WD]\}_N \text{ (SEQ ID NO: 3)}$$

wherein X_{6-94} represents from 6 to 94 contiguous amino acid residues, X_{23-41} represents from 23 to 41 contiguous amino acid residues, and N represents an integer from 4-8 (Neer et al., *Nature* 371:297 (1994)). Other WD40 repeats will, however, be appreciated by those skilled in the art. The number of WD-40 repeats in a particular protein can range from two to more than eight.